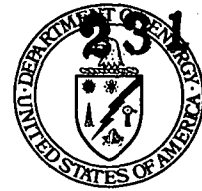


## Department of Energy

Ohio Field Office  
Fernald Area Office

P. O. Box 538705  
Cincinnati, Ohio 45253-8705  
(513) 648-3155



JUN 16 1999

Mr. James A. Saric, Remedial Project Manager  
U.S. Environmental Protection Agency  
Region V-SRF-5J  
77 West Jackson Boulevard  
Chicago, Illinois 60604-3590

DOE-0857-99

Mr. Tom Schneider, Project Manager  
Ohio Environmental Protection Agency  
401 East 5<sup>th</sup> Street  
Dayton, Ohio 45402-2911

Dear Mr. Saric and Mr. Schneider:

### TRANSMITTAL OF VARIANCES AND EXCLUSION OF THE "GATOR" FROM PROJECT SPECIFIC PLANS

The Department of Energy (DOE) recently submitted two Project Specific Plans (PSP) for review. These PSPs were the Area 2, Phase I (A2PI) South Field Excavation Characterization PSP (20402-PSP-0002, Revision 0, dated April 1999), and the Area 1, Phase II (A1PII) Excavation Monitoring and Precertification PSP (20710-PSP-0007, Revision 0, dated May 1999). These PSPs identified the physical sampling and real-time in situ gamma spectrometry measurements to be performed.

In the PSPs the new Real Time Instrumentation Measurement Program's (RTIMP) vehicle-based sodium iodide detector, called the Gator, was identified as one of the tools that could be used to perform the work. The U.S. Environmental Protection Agency (U.S. EPA) and Ohio Environmental Protection Agency (OEPA) noted in their comments on the A2PI South Field Excavation Characterization PSP that the Gator has not yet been fully calibrated and tested. DOE recognizes that it was premature to mention the Gator in the PSP. It has been the Fernald Environmental Management Project's (FEMP) plan to implement the use of the Gator only after the Gator has been fully calibrated, tested, and the information shared with the Regulatory Agencies.

The Gator is currently in the process of being calibrated. Field data have been collected from all the Real Time Radiation Tracking System/Radiation Scanning System (RTRAK/RSS) calibration locations that have not already been remediated.

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## VARIANCE / FIELD CHANGE NOTICE

20710-PSP-0001-1

WBS NO.: PROJECT/DOCUMENT #20710-PSP-0007

Page

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PROJECT TITLE: PSP for A1P11 Excavation Monitoring and Precertification, Rev. 0

Date: 6/8/99

## VARIANCE / FIELD CHANGE NOTICE (Include justification):

Justification

Information regarding the use, reliability, and comparability of the data gathered with the Gator has not be approved by the USEPA and Ohio EPA. In addition, calibration of the equipment is not fully complete.

Field Change Notice

Defer the use of the NaI mounted Gator until all calibration is complete and approval from the USEPA and Ohio EPA is received.

REQUESTED BY: Joan WhiteDATE: 6/8/99

X IF REQD	VARIANCE/FAN APPROVAL	DATE	X IF REQD	VARIANCE/FAN APPROVAL	DATE
X	QUALITY ASSURANCE <i>Shale Thompson</i>	6-8-99	X	PROJECT MANAGER <i>CH</i>	6-8-99
	DATA QUALITY MANAGEMENT		X	Real-time Program Mgr <i>JH White</i>	6/8/99
	ANALYTICAL CUSTOMER SUPPORT		X	WAO <i>David R. Ried</i>	8/8/99
	OTHER		X	Characterization Lead <i>AK</i>	6/8/99
VARIANCE/FCN APPROVED [X] YES [ ] NO			REVISION REQUIRED: [ ] YES [x] NO		
DISTRIBUTION					
PROJECT MANAGER:		DOCUMENT CONTROL: Michelle Tudor		OTHER:	
QUALITY ASSURANCE:		OTHER:		OTHER:	

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## VARIANCE / FIELD CHANGE NOTICE

20402-PSP-0002-1

WBS NO.: PROJECT/DOCUMENT #20402-PSP-0002

PROJECT TITLE: PSP for A2PI South Field Excavation Characterization, Rev. 01

Page 2315

Date: 6/8/99

## VARIANCE / FIELD CHANGE NOTICE (Include justification):

Justification

Information regarding the use, reliability, and comparability of the data gathered with the Gator has not be approved by the USEPA and Ohio EPA. In addition, calibration of the equipment is not fully complete.

Field Change Notice

Defer the use of use of the NaI mounted Gator until all calibration is complete and approval from the USEPA and Ohio EPA is received.

REQUESTED BY: Joan WhiteDATE: 6/8/99

X IF REQD	VARIANCE/FAN APPROVAL	DATE	X IF REQD	VARIANCE/FAN APPROVAL	DATE
X	QUALITY ASSURANCE <i>Joan White</i>	6-8-99	X	PROJECT MANAGER <i>JCH</i>	6-8-99
	DATA QUALITY MANAGEMENT		X	Real-time Program Mgr <i>JCH</i>	6/8/99
	ANALYTICAL CUSTOMER SUPPORT		X	WAG <i>David L. Baker</i>	6/8/99
	OTHER		X	Characterization Mgr <i>Michael J. Zup</i>	6/8/99
VARIANCE/FCN APPROVED [X] YES [ ] NO			REVISION REQUIRED: [ ] YES [x] NO		
DISTRIBUTION					
PROJECT MANAGER:		DOCUMENT CONTROL: Michelle Tudor		OTHER:	
QUALITY ASSURANCE:		OTHER:		OTHER:	

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Mr. James A. Saric  
Mr. Tom Schneider

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JUN 16 1999

Use of the Gator is deferred through the enclosed variances to the A1PII Excavation Monitoring and Revision 1 of the Precertification PSP A2PI South Field Excavation Characterization PSP.

Please contact Robert Janke at (513) 648-3124 if there are any questions regarding this transmittal.

Sincerely,



FEMP:R.J. Janke

Johnny W. Reising  
Fernald Remedial Action  
Project Manager

Enclosure

cc w/enclosure:

T. Schneider, OEPA-Dayton (three copies of enclosure)

F. Barker, Tetra Tech

AR Coordinator, FDF/78

cc w/o enclosure:

ECDC, FDF/52-7

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